

Ethyl sorbate

Chemical Properties

CAS No. : 2396-84-1

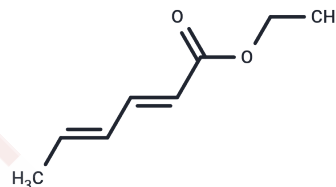
Formula: C₈H₁₂O₂

Molecular Weight: 140.18

Keep away from moisture

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ethyl sorbate (Ethyl 2,4-hexadienoate) is an ester commonly used in flavor preparation, organic synthesis and biochemical experiments.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1337 mL	35.6684 mL	71.3369 mL
5 mM	1.4267 mL	7.1337 mL	14.2674 mL
10 mM	0.7134 mL	3.5668 mL	7.1337 mL
50 mM	0.1427 mL	0.7134 mL	1.4267 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Kinderlerer JL, Hatton PV. Fungal metabolites of sorbic acid. Food Addit Contam. 1990 Sep-Oct;7(5):657-69.

Khruengsai S, et al. Antifungal properties of volatile organic compounds produced by *Daldinia eschscholtzii* MFLUCC 19-0493 isolated from *Barleria prionitis* leaves against *Colletotrichum acutatum* and its post-harvest infections on strawberry fruits. PeerJ. 2021 Apr 16;9:e11242.

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